DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT
87-333

113° 59' 45" W — 902-0 — 113° 00' 00" W — 112° 55' 21" W — 112° 50' 00" W — 903-0 — 112° 45' 00" W — 112° 42' 00" W

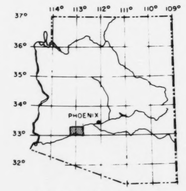
33° 19' 00" N

33° 15' 00" N

33° 10' 00" N

33° 05' 00" N

N



INDEX MAP OF ARIZONA
showing location of this study area

SURVEY SPECIFICATIONS

Contour Interval:		20 Gammas
Flight Line Spacing	Traverse Lines:	0.50 Mile
	Tie Lines :	13.0 Miles
Flight Line Direction:		EAST - WEST
Tie Line Direction :		NORTH - SOUTH
Sample Interval:		173.8 Feet
Flight Path Record:		JVC Color Video Camera
Digital Acquisition System:		GeoMetrics G-714
Latitude and Longitude interval:		5.0 Minutes
Survey Altitude:		1000 Feet MTC
Projection:		Universal Transverse Mercator
Grid Zone:		12
Spheroid:		Clarke 1866 Spheroid
Flight line recovery:		Visually to 1:62500 USGS topos
Magnetometers:		GeoMetrics G-813 Proton Precession
Sensitivity:		0.01 Gamma
Flown:		December, 1985
Flown by:		Airborne Geophysics, Inc.
Compiled by:		EG&G GeoMetrics

Corrected Total Intensity Magnetometer Value Before Removal of IGRF

X-LCTN-METERS :	287037.94
Y-LCTN-METERS :	153520.25
TIME :	10.0442
MAG-CORR-DNL-GAMMAS :	49834.5[illegible]

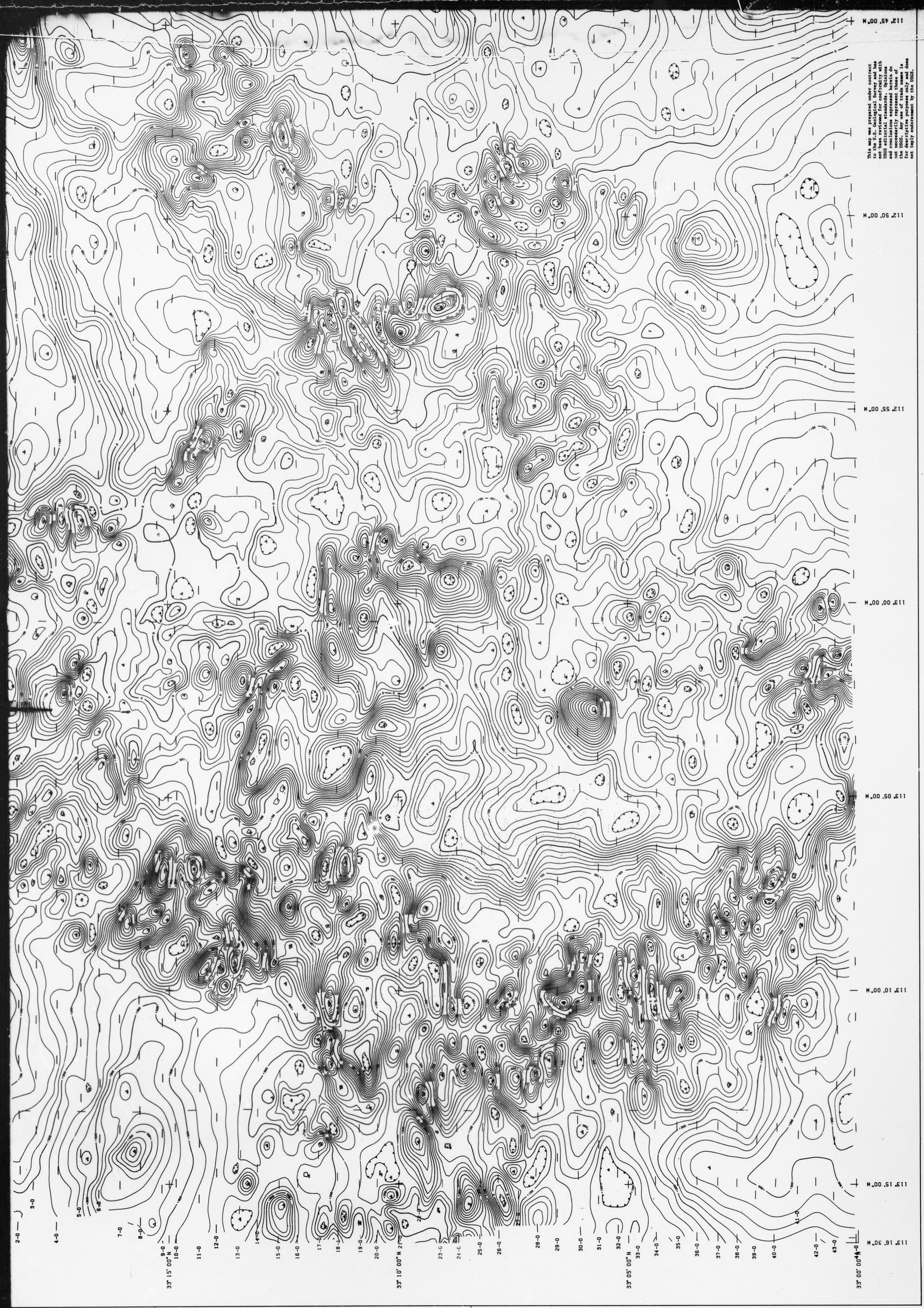
PROCESSING DETAILS:

Reference field:	1980 IGRF Updated to 1985.9
Diurnal:	Removed
Type of Filtering:	None
Levelling:	DC Bias adjusted by least squares
Interpolation Method:	Minimum Curvature with Bicubic Spline
Magnetic Declination:	12.66 Degrees
Primary Grid Size:	381.00m by 381.00m
Tie Lines were not used in Interpolation:	
Type of Data:	Gradient Enhanced Residual Magnetic Data From Horizontal Gradiometer:

AEROMAGNETIC MAP OF THE WOOLSEY PEAK-DENDORA VALLEY AREA, SOUTHWESTERN ARIZONA

BY

U.S. GEOLOGICAL SURVEY



This map was prepared under contract to the U.S. Geological Survey and has not been reviewed for conformity with USGS editorial standards. Opinions and conclusions herein do not necessarily represent those of the USGS. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

33° 15' 00" N

33° 10' 00" N

33° 05' 00" N

33° 00' 00" N

113° 05' 00" W

113° 00' 00" W

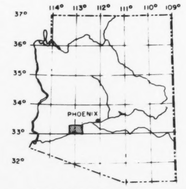
112° 55' 00" W

112° 50' 00" W

112° 45' 00" W

112° 42' 00" W

N



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TIME :	10.0442
MAG-CORR-ONL-GAMMAS :	49834.52

PROCESSING DETAILS:

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BY

U.S. GEOLOGICAL SURVEY

1987

SCALE 1:50 000

1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS

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